

BALANCE MAKES

PORTER-CABLE  
*Speedmatic*

*The*  
**ONE-HAND  
SAW**

Light weight, scientifically balanced, together with the center-poised handle location, are basic reasons why Speedmatic is easily usable in any position with one hand—a feature of special importance when safety demands holding onto scaffolding with the other hand.



**BLADE IS ON  
RIGHT SIDE FOR  
BETTER BALANCE**

Every carpenter knows that the weight of an electric saw should rest on the main piece. If the saw rests on the cut-off piece, lumber is likely to break off before cut is completed and operator may lose control.

This safety feature means that the Speedmatic blade is located on the right of the saw center line, where it should be. Guide point on the base can easily be sighted on the cutting line, regardless of saw position.



PORTER-CABLE  
*Speedmatic*  
TOOLS

PORTER-CABLE  
**Guild**  
TOOLS

Porter-Cable Machine Company manufactures a complete line of portable hand tools—both for the professional and the home craftsman. Through the years these tools have earned the highest reputation with users. You can *buy with confidence* if it's a Porter-Cable tool.

**THE PORTER-CABLE LINE**

**SPEEDMATIC TOOLS**

Electric Saws  
Electric Sanders  
Routers  
Shapers  
Plane  
Lock Mortiser  
Floor Sanders and  
Edgers

**GUILD TOOLS**

Electric Saws  
Electric Sanders  
Router  
Shaper  
Plane  
Combo-Tool  
Hedgshear

Full Line of Industrial Abrasive-Belt Grinders

**GUARANTEE**

*We unreservedly and for all time guarantee to furnish, f.o.b. Syracuse, N. Y., without charge, any parts defective during the entire life of any Porter-Cable Machine. We stand back of our products unconditionally, and it is our policy that all products must give service as represented by us.*

**PORTER-CABLE MACHINE COMPANY**  
SYRACUSE 8, N. Y.

**Manufacturers of SPEEDMATIC & GUILD Electric Tools**

Form No. 767 ©Porter-Cable Litho in U.S.A. 60M-May '51

PORTER-CABLE  
*Speedmatic*

**SAWS**



**4 SIZES!**

NOTICE—Due to the effect of the defense program on manufacturing, the prices and availability of various items may fluctuate. Consult your dealer or refer to current price list for latest information.



# WITH

PORTER-CABLE  
**Speedmatic**

# BALANCE YOU FEEL THE DIFFERENCE

## A SPEEDMATIC EXTRA!

Included in the price of every Speedmatic Saw is this compact, durable steel carrying case. Finished in handsome gray baked enamel, the case is designed to carry and protect your saw, blades, small wrenches, etc.



**K-75** Low price and wide utility. Excellent for scaffold work, maintenance jobs, etc., because of its light weight, convenient size, power and speed.



**K-89** This is the standard builder's saw. With increased cutting capacity and power it's ideal for high speed ripping and framing cuts.



**BK-10** Contractors' saw for commercial construction. Built for heavy-duty sawing on form work, planing, etc. Excellent for gang cutting heavy lumber. Ideal for use on Speedmatic Radial Arm.



**BK-12** Extra-heavy duty saw for beams, timbers, shoring, etc. Widely used in mines, road construction, railroad maintenance and for all on-the-site cutting of heavy timber.

### SPECIFICATIONS

Motor.....	
Saw Blade.....	
Max. depth of cut 90°.....	
Max. depth of cut 45°.....	
Saw Speed, idle.....	
Saw Speed, load.....	
Size, Overall.....	
Bearings.....	
Net Weight.....	
Shipping Weight.....	

Universal AC or DC
115 Volts*
7½" (¾" hole)
2½"
12½"
7,000 RPM
4,500 RPM
11½" Long
8½" Wide
10½" High
Ball, precision radial
15 Lbs.
30 Lbs.

Universal AC or DC
115 Volts*
8" (¾" hole)
2¾"
2"
7,000 RPM
4,500 RPM
12" Long
8½" Wide
11½" High
Ball, precision radial
17 Lbs.
32 Lbs.

Universal AC or DC
115 Volts*
10½" (¾" hole)
3¾"
2¾"
5,700 RPM
3,500 RPM
14½" Long
9¾" Wide
12" High
Ball, precision radial
24 Lbs.
45 Lbs.

Universal AC or DC
115 Volts*
12" (¾" hole)
4¾"
3¾"
4,800 RPM
3,200 RPM
17½" Long
11½" Wide
15" High
Ball, precision radial
37 Lbs.
65 Lbs.

### STANDARD EQUIPMENT

—10 Ft. Rubber Covered, 3-Wire Cable and Plug, Metal Carrying Case, 1 Combination Blade, Wrenches, Rip Gauge.

**\*OTHER VOLTAGES**—can be furnished at slight additional cost. All saws can be furnished with longer jack shafts to take dado heads and cutters up to the following widths: K-75 and K-89—1½"; BK-10—1¾"; BK-12—1¾".

**EXTRA EQUIPMENT**—Cross Cut Gauge, Dado Cutters, Inserted Tooth Blade, Blades for Masonite, plywood and light non-ferrous metal, Ripping Blades, Planer Blades, Combination Blades, Abra-

sive Discs for scoring tile, slate, stone, asbestos, metal. (For special abrasive blade applications, see your local abrasive dealer as to the blade best suited to your problem.)

PORTER-CABLE  
**Speedmatic**

**SAW TABLE**  
MODEL S500

PORTER-CABLE  
**Speedmatic**

**RADIAL ARM**  
MODEL ERA





**PORTABLE . . .**  
weighs  
only 44 lbs.

**TEMPORARILY  
DISCONTINUED**

USE SAW TABLE WITH  
MODELS K-75, K-88C, K-89

Legs and blade  
guard extra

## Makes your Speedmatic Saw Do Double Duty!

In this tilting arbor saw table, the saw tilts up to 45° for angle cuts and compound mitres. Steel frame, rustproof aluminum table and side rails. Mounts anywhere on 2 saw horses—or on set of Speedmatic Table Legs (extra). Working surface (26" x 20") is precision ground for true cuts. Fence adjustment

wide enough to handle 4' x 8' plywood sheets. Gauge with adjustable index stops assures square and true bevel cuts. Can't be beat for cupboards, built-in furniture and trim work, multiple pieces for framing, etc. Safe, with easy controls and adjustments. Transparent plastic saw guard mounted on splitter (extra).

### SPECIAL FEATURES

**Easy to set up**—merely flip back table top (it pivots easily on two posts), attach your Speedmatic to bottom of table. Return table top to operating position—ready for work.

**Only Saw Tilts**—only the saw tilts for angle cuts—table top remains flat and easy to work on.

**Big Working Surface**—26" x 20", precision ground for true cuts.

**Adjustable Rip Fence**—slides to left or right of blade. Wide adjustment—will handle 4' x 8' plywood sheets.

**Safety Switch Box**—at front of table for maximum ease and safety.

**Maximum Depth of Cut**—with 8" blade: 2 1/4" at 90°; 1 3/4" at 45°. With 7 1/2" blade: 2 1/8" at 90°; 1 1/2" at 45°.

**Ripping Capacity**—right of blade: 24 1/2"; left of blade: 14".

**Mitre Gauge**—automatic set, with adjustable stops at 90° and 45°.

**Table Insert**—for saw blade, allows straight, mitre and dado cuts.



USE RADIAL ARM WITH  
MODELS K-75, K-88, K-88C,  
K-89, BK-10, BK-12

## More Accuracy... More Production... on Multiple Ripping, Cross-Cutting, Dadoing

With a Speedmatic Radial Arm mounting a Speedmatic Portable Saw, you get the full utility value of your Speedmatic, plus the specialized uses of a Radial Saw . . . a combination that requires considerably less investment than the purchase of two complete separate tools. This Saw-and-Radial-Arm equipment

is ready for fast, accurate use on straight-mitering, compound-mitering, beveling, cross-cutting or ripping. With dado head it dados, ploughs, grooves and tenons. With an abrasive wheel it scores building block, brick, tile, marble and composition materials.

### SPECIAL FEATURES

**Retractable Arm**—moves in and out with saw . . . allows clear view of work.

**Saw Mounting Bracket**—securely fastened to slide arm . . . half-turn of handle makes change from cross-cutting to ripping position.

**Adjustable Hold-Down Arm**—for ripping.

**Quick Setting**—head is easily raised, lowered or swung. Accurate, automatic indexing at 45° either right or left; 90° for ripping.

**Cutting Table**—oak, 17" x 46" with removable backstop.

**Slide Head**—shank gives 7" up-and-down travel; hand wheel regulation.

**Slide Bar**—hollow steel, 2 1/4" diameter, mounted on 8 sealed bearings.

**Travel**—27" in-and-out movement.

**Weight**—340 lbs. without saw.



Making a pocket cut is a simple job with a Speedmatic.



Dado cutting done end for weatherstripping.



Rip sawing with guide working from left of board.



Abrasive wheel in use on brick wall for conduit.



Making a mitre cut following a line.



Notch work can be done quickly and accurately.

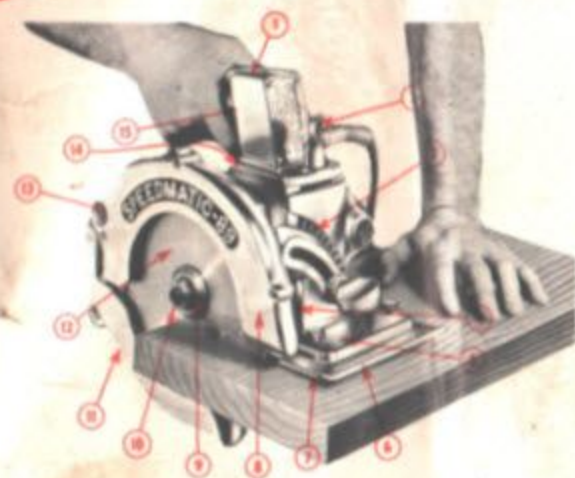


Making a mitre rip cut with the Speedmatic Radial Arm.



NOW . . . THE PROPER

BALANCE For Greater Accuracy, Ease & Safety!



**SEE HOW** it starts. No power jump . . . no throwing the saw off balance.

**SEE HOW** the blade enters the cut — at speed and "on the mark."

**SEE HOW** easily it feeds without obvious "pushing."

**SEE HOW** it cuts straight and true — without cramming or jamming.

**SEE HOW** it leaves a "free" hand for grasping the work — or holding onto a ladder or scaffolding.

**SEE HOW** it stays securely on the work after the cut is made.

**SEE HOW** it makes quick clip-off cuts of strips and moldings, with piece held in the free hand.

**SEE HOW** it can be guided "right on the line," regardless of the angle of cut.

#### SPECIAL FEATURES

- 1 Pistol Grip Handle mounted at center of gravity.
- 2 Thumb Screw Depth Adjustment. Self locking. Full turn raises or lowers saw exactly  $\frac{1}{8}$ ".
- 3 Angular Cutting Scale, 0 to 45 degrees.
- 4 Air Blast from turbine fan through port at front of saw blocks dust off cutting line.
- 5 Mounting for Right and Left Rip Gauge.
- 6 Broad Base, smooth aluminum alloy. Rests firmly on work.
- 7 Edge of base indicates line of cut at any angle.
- 8 Housing and guards of highly polished, die-cast aluminum alloy.
- 9 Fibre insert in saw blade retaining washer absorbs shock of blade engagement.
- 10 Large round arbor shaft for standard round hole blades.
- 11 Blade guarded at any angle. Swing guard cannot be jammed by wet sawdust.
- 12 Blade on right side. Saw rests on work.
- 13 Exhaust port blows sawdust to the rear.
- 14 Powerful, efficient helical gearing.
- 15 Safety Trigger Switch, oversize capacity.

**BALANCED** when you lift it!  
**BALANCED** when you hold it!  
**BALANCED** when you use it!

*This familiar example shows why —*

Ever lift a filled watering can? You quickly learned that using the side handle put a strain on your wrist . . . required effort to keep the can level . . . made it awkward to carry. So you shifted to the handle on top. You found it easier to lift . . . easier to carry . . . easier to control. Why? Because the weight was *balanced*!

*And this simple test proves Speedmatic's BALANCE —*

Stand the Speedmatic upside down on its handle. (No other saw will do this.) Place a full glass of water on the extra-broad shoe. Start the motor . . . and you'll be amazed! Not a drop of water spills. There's no starting twist or jerk. That's **TRUE BALANCE**! And, because the handle's on top at the center of gravity, you can hold the saw in a balanced cutting position with just two fingers. Speedmatic's **BALANCE** means very little guiding or pushing . . . no veer, no tip, no twist.

**All-important DYNAMIC BALANCE**  
Secured by Helical Gear Drive

Only helical gear drive is mechanically suited for the high power and high speed required for maximum sawing efficiency. It delivers to the cutting blade the highest percentage of motor power. It puts the motor shaft and the blade spindle in the same vertical plane — not at right angles. This design enables the revolving parts to be kept in true counter-balance, without perceptible torque reaction (or the commonly called "power jump"). Result — smooth power transmission.



PROVE SPEEDMATIC BALANCE

SEE IT!

FEEL IT!

TRY IT!